



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, August 30



Day 1 (Wednesday): Hot temperatures will continue to build across much of southern and central California, with widespread moderate to locally high heat risk impacts expected for the afternoon and evening hours. A small area of critical fire weather conditions is also expected across the Modoc Plateau for the afternoon hours as breezy winds develop.



Weather Risk Outlook

Regional Operations Center
Western Region
Tuesday, August 30

| | Wed, Aug 31 | Thu, Sep 1 | Fri, Sep 2 | Sat, Sep 3 | Sun, Sep 4 | Mon, Sep 5 | Tue, Sep 6 |
|--|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Fire Weather Low RH / Wind / Dry T-Storms | Inland (Modoc Plateau) | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern | Inland/ Southern |
| Thunderstorms Wind / Hail / Tornadoes | | | | | | | |
| Heat | Inland/ Southern | Inland/ Southern | Inland/ Southern | All Regions | All Regions | All Regions | Inland/ Southern |
| Cold | | | | | | | |
| River Flooding | | | | | | | |
| Wind | | | | | | | |
| Heavy Rain Flash Flooding / Debris Flow | | | | | | | |
| Snow | | | | | | | |
| Coastal Flooding | | | | | | | |
| Risk Levels | Little to None | Minor | | Moderate | | Major | Extreme |



Weather Key Points

Regional Operations Center

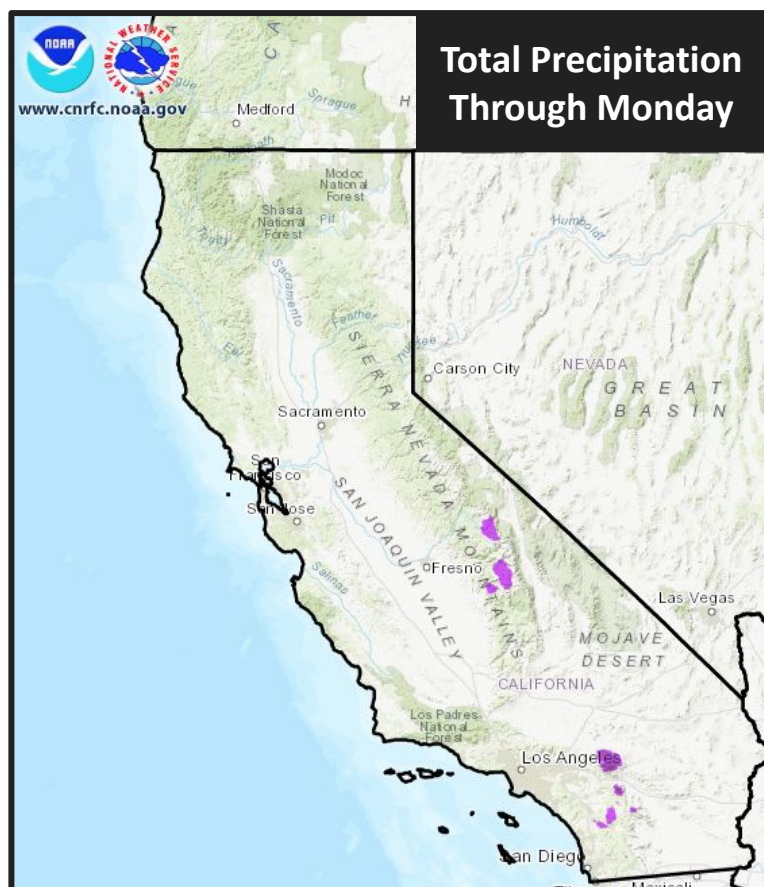
Western Region

Tuesday, August 30

- A prolonged significant heat wave will build across the majority of the state through late week into the Labor Day weekend
 - The hottest temperatures of 95 to 110°F will first build across inland Southern California today before spreading across much of the state by Saturday, even spreading toward the coast Saturday through at least Tuesday. These readings will be 10 to 20+ degrees above normal for early September, and will approach record territory for September.
 - Heat risk impacts today will generally be confined to interior Southern California, before widespread high to very high heat risk concerns develop over much of the state by the weekend
 - Overnight low temperatures will also remain very warm, only falling into the 60s and 70s for many inland areas, and even holding in the 80s to near 90 degrees across the Mojave Desert and Imperial/Coachella Valleys. These warm overnight readings will further increase heat impacts due to poor overnight recovery.
- Critical fire weather conditions are expected over the Modoc Plateau this afternoon and evening as winds become breezy and very low humidity levels continue
- For all other areas, fire weather conditions will become elevated many afternoons and evenings in and around the mountains due to building heat, low humidity, and locally breezy conditions at times



Precipitation Forecast



Isolated showers and storms expected each afternoon and early evening across higher terrain across the Sierra and Southern California mountain ranges Friday through the holiday weekend.

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



Wed-Thu Heat Risk

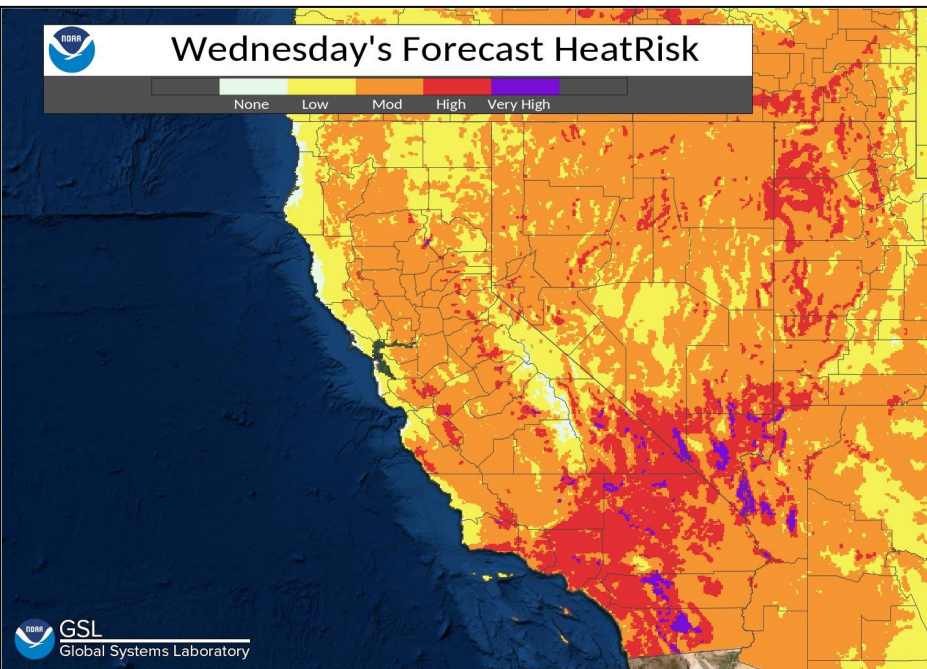
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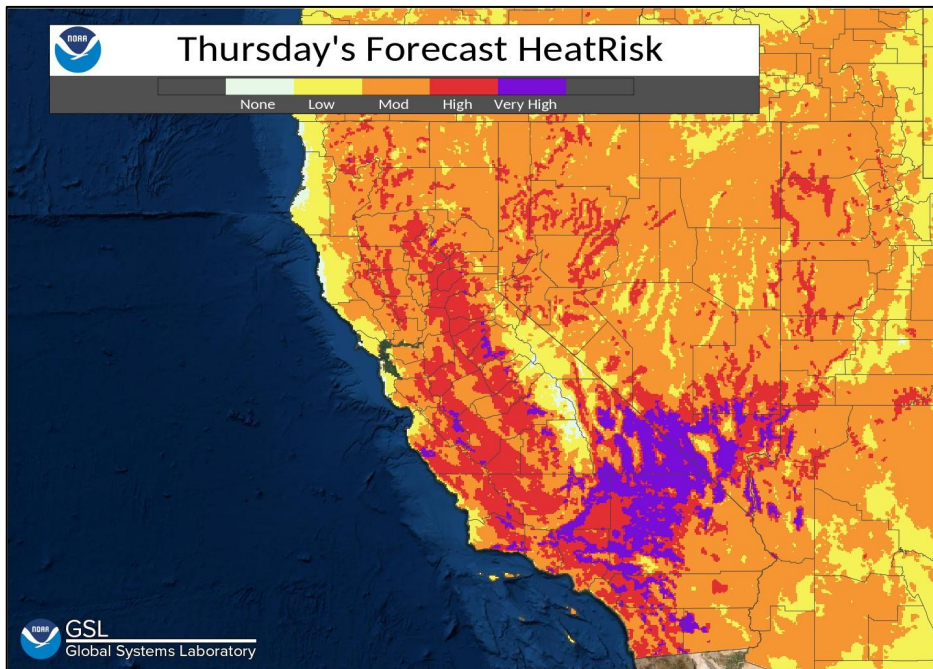
Wednesday's Forecast HeatRisk

None Low Mod High Very High



Thursday's Forecast HeatRisk

None Low Mod High Very High

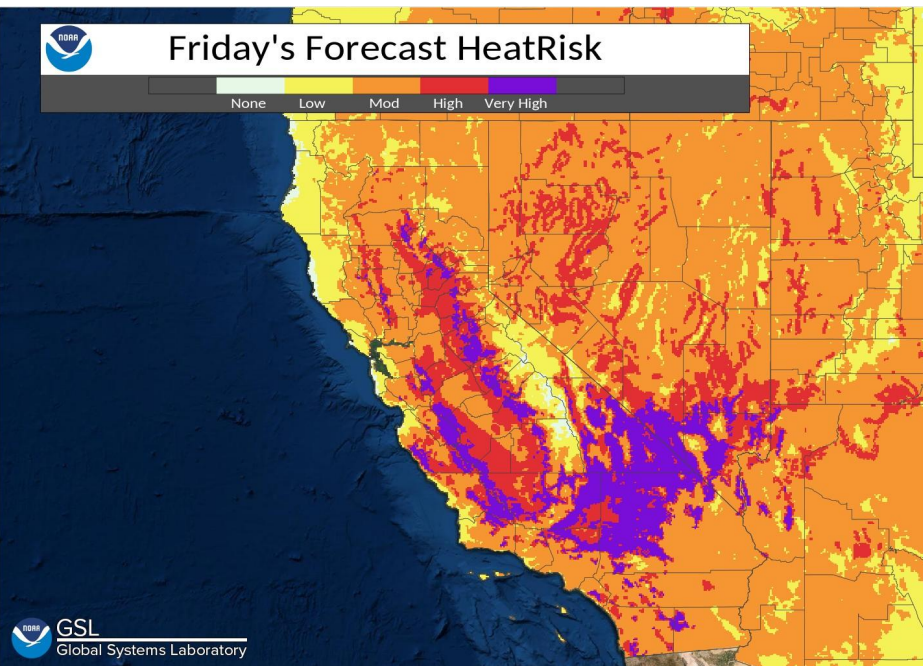


| | | |
|--------|---------|---|
| Green | Level 0 | No Elevated Risk |
| Yellow | Level 1 | Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration |
| Orange | Level 2 | Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration |

| | | |
|---------|---------|---|
| Red | Level 3 | High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration |
| Magenta | Level 4 | Very High Risk for the entire population due to long duration heat, with little to no relief overnight |

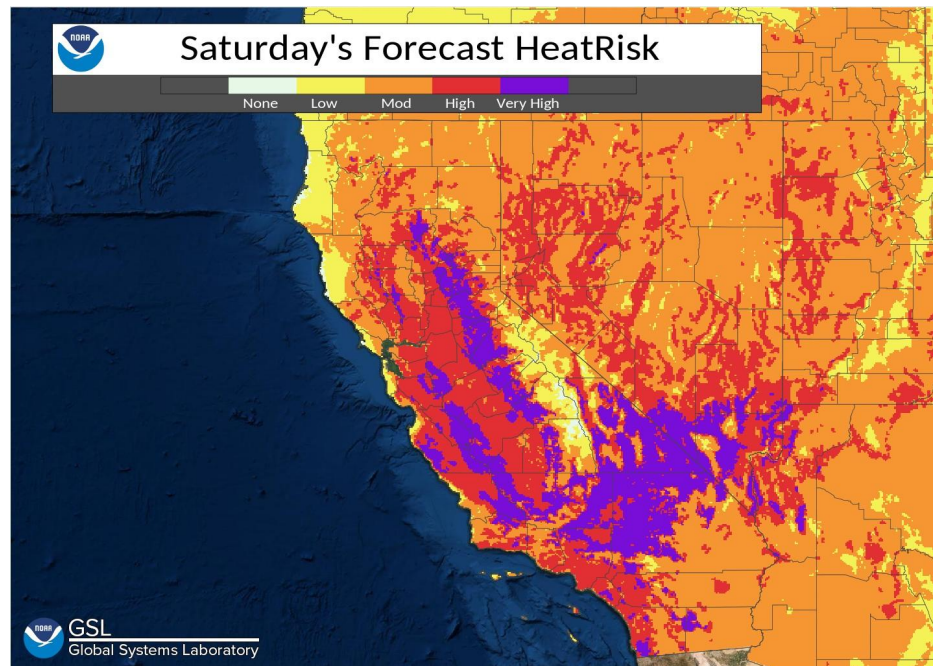
Friday's Forecast HeatRisk

None Low Mod High Very High



Saturday's Forecast HeatRisk

None Low Mod High Very High



| | | |
|--------|---------|---|
| Green | Level 0 | No Elevated Risk |
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Sun-Mon Heat Risk

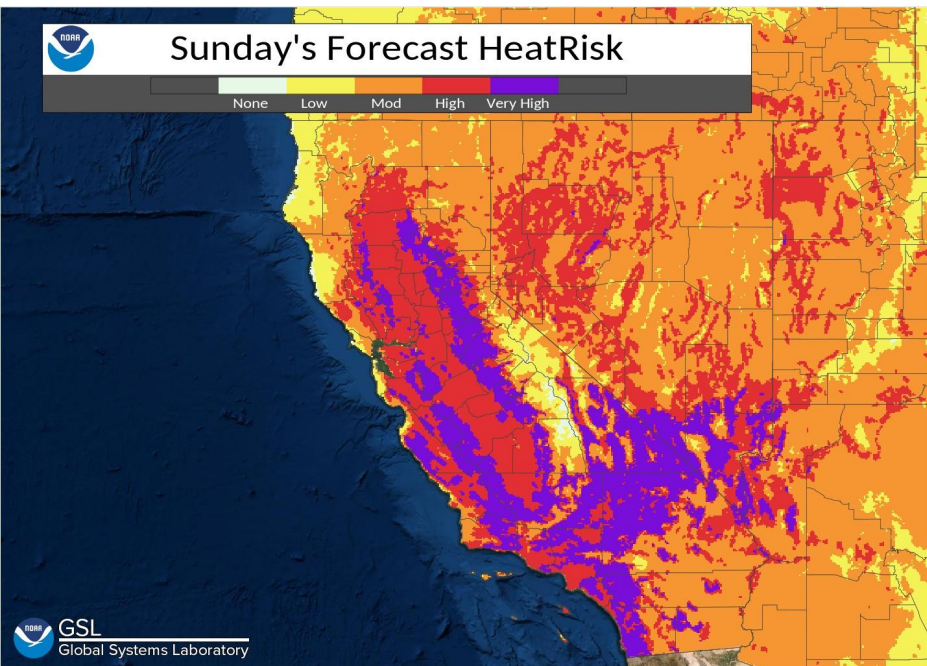
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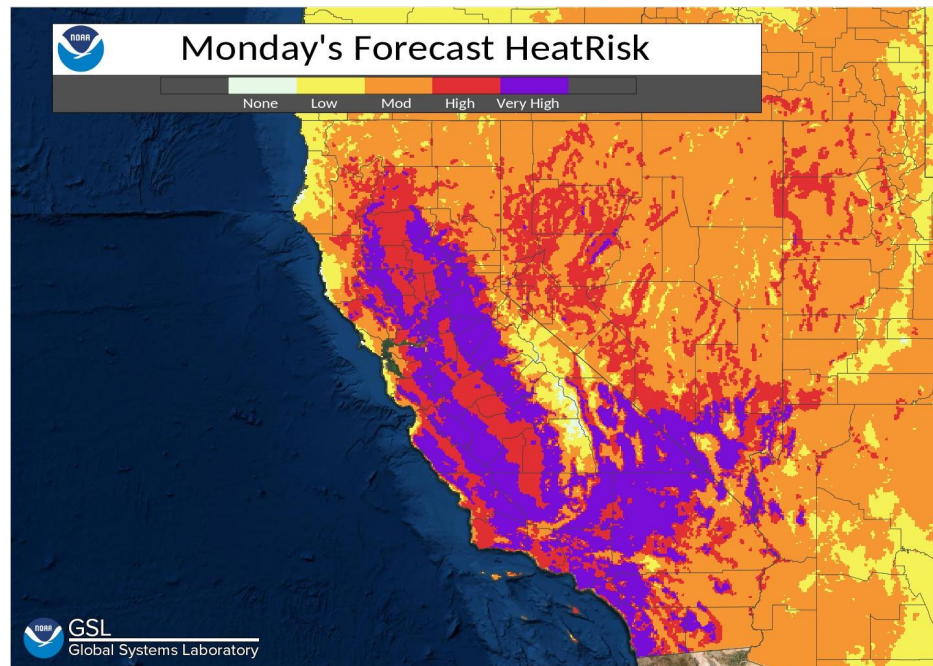
Sunday's Forecast HeatRisk

None Low Mod High Very High



Monday's Forecast HeatRisk

None Low Mod High Very High



| | | |
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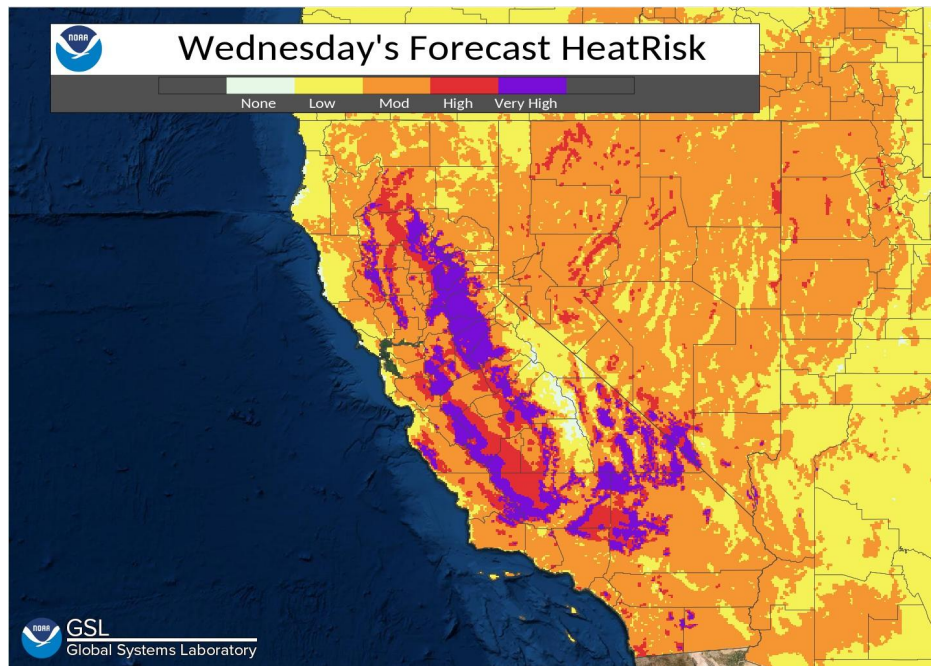
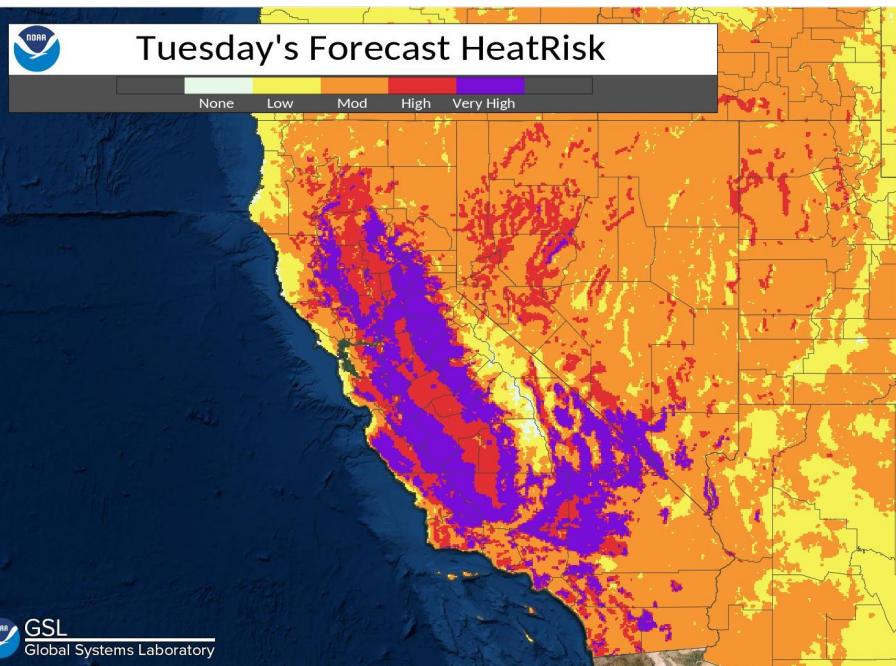
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Tue-Wed Heat Risk

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Tuesday, August 30



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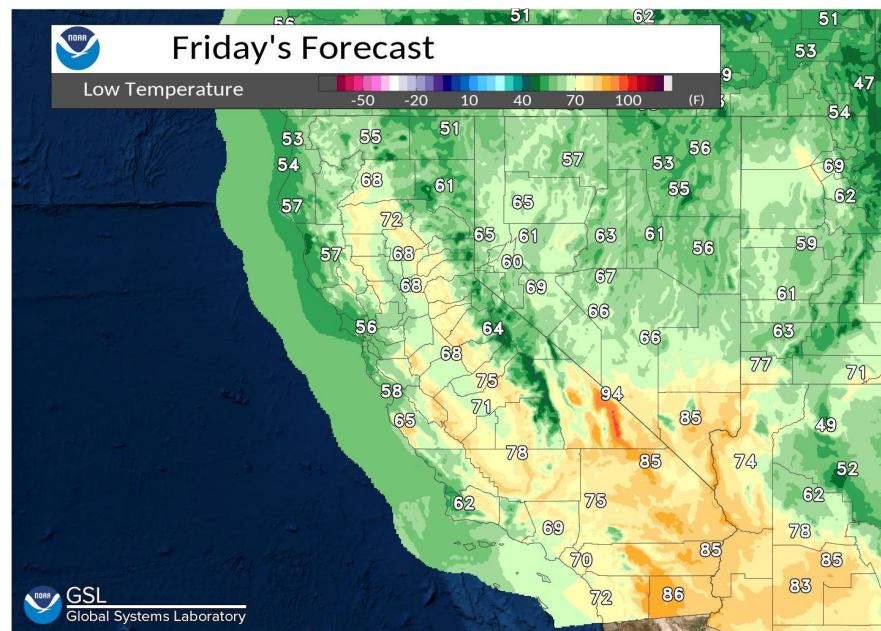
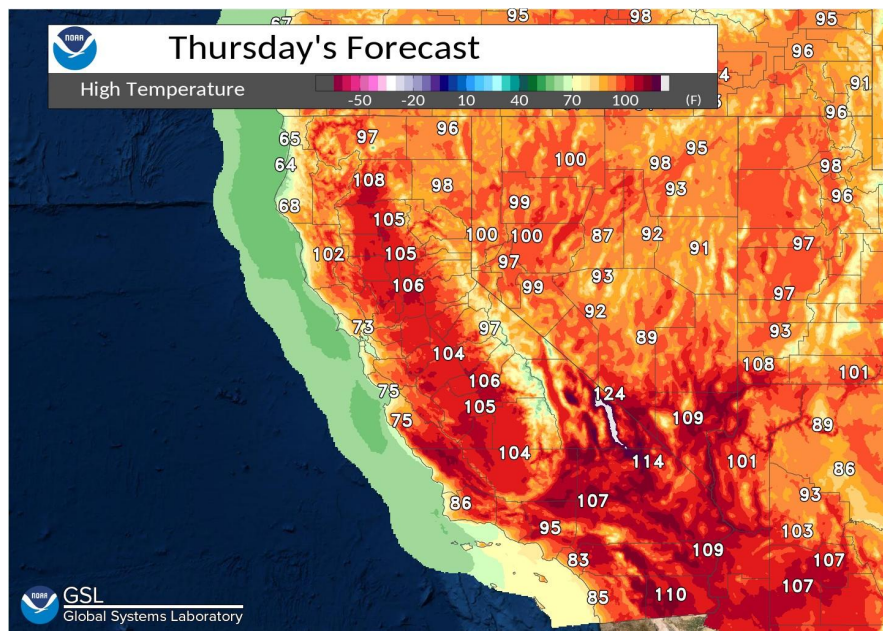
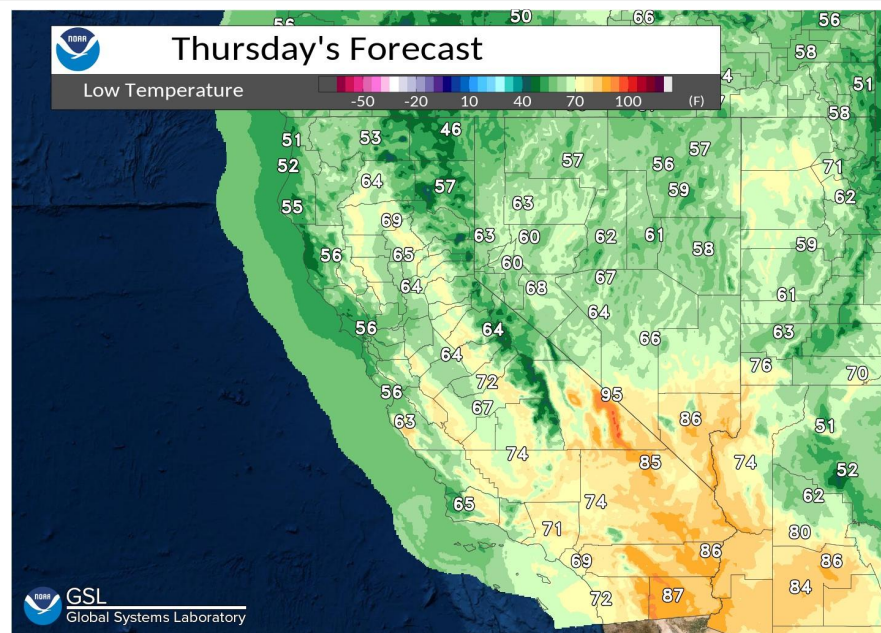
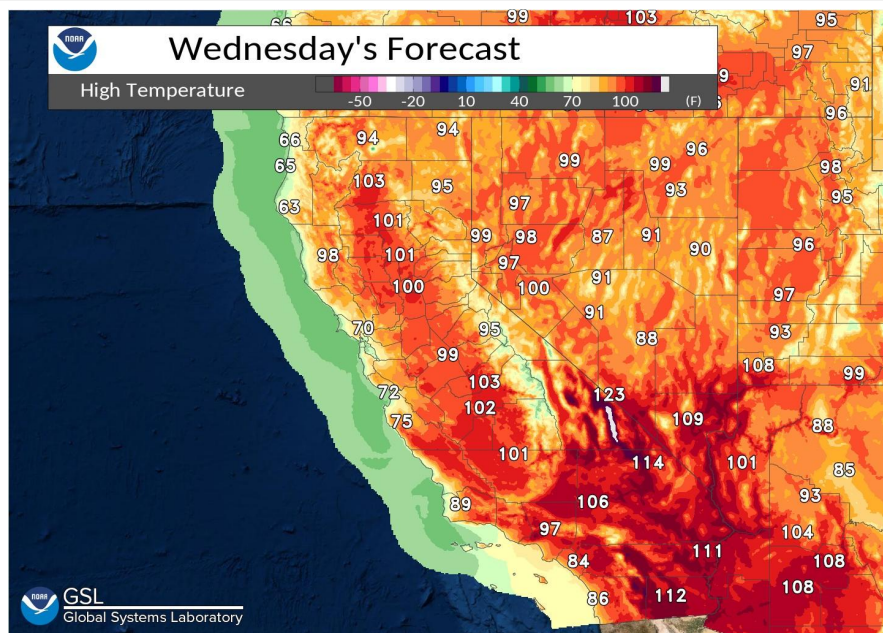


Wed-Thu Temperatures

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Western Region

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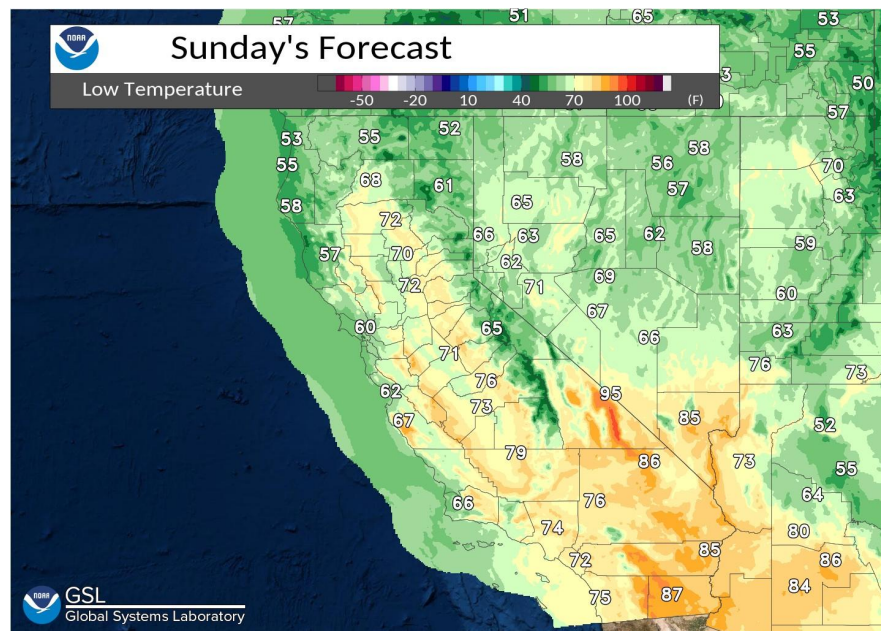
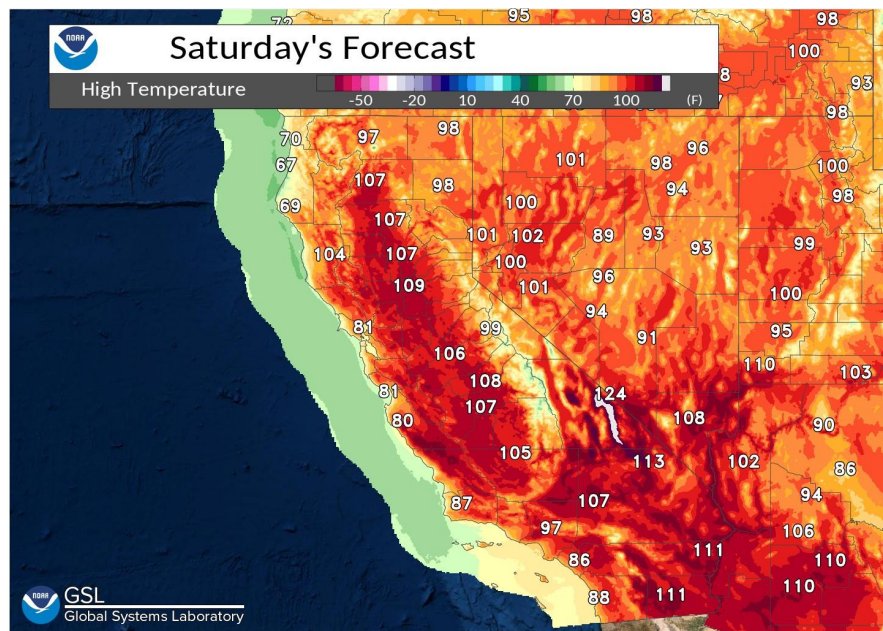
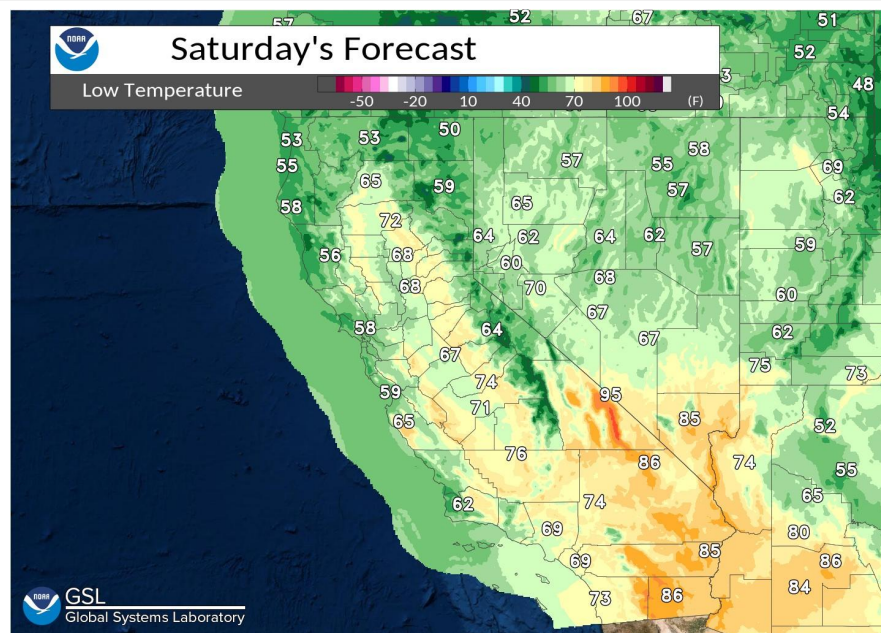
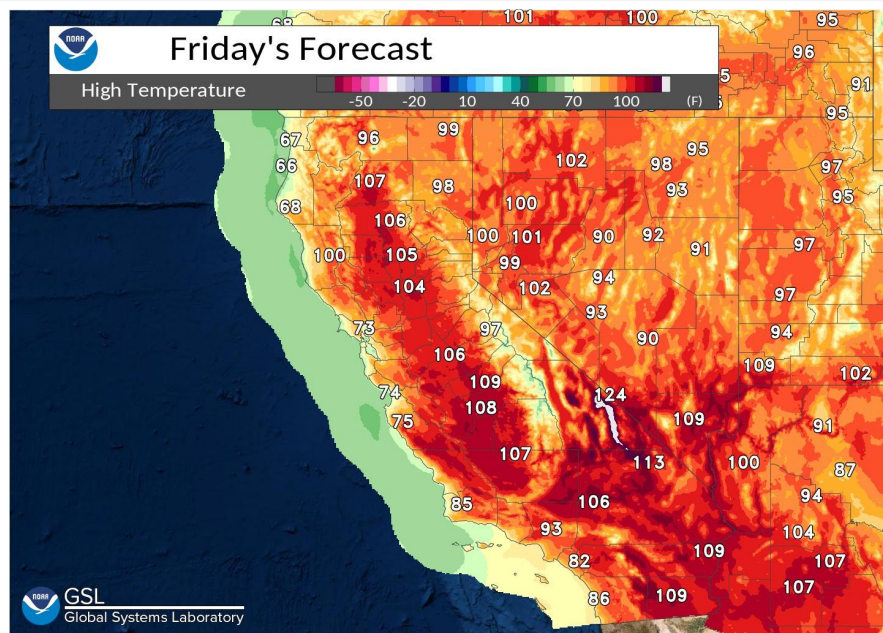


Fri-Sat Temperatures

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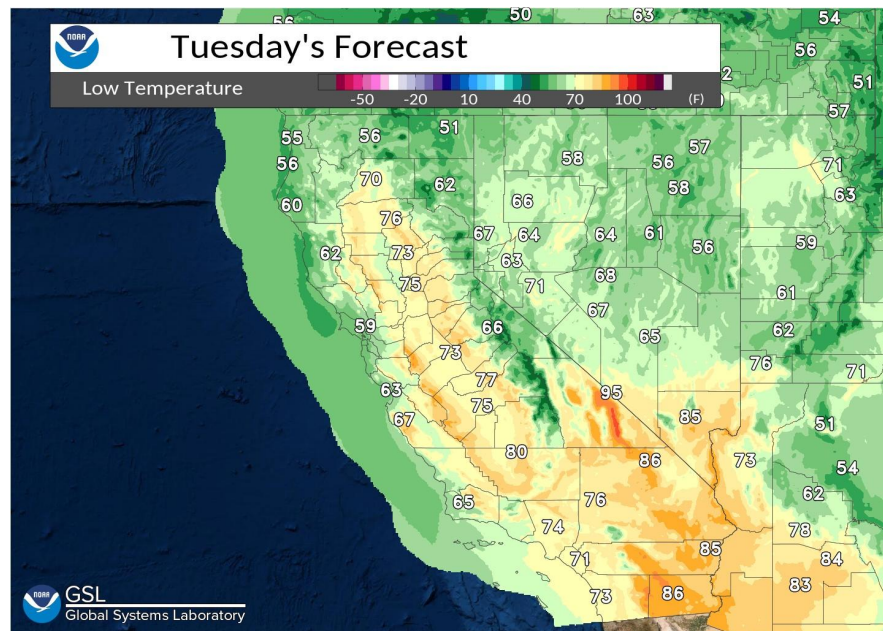
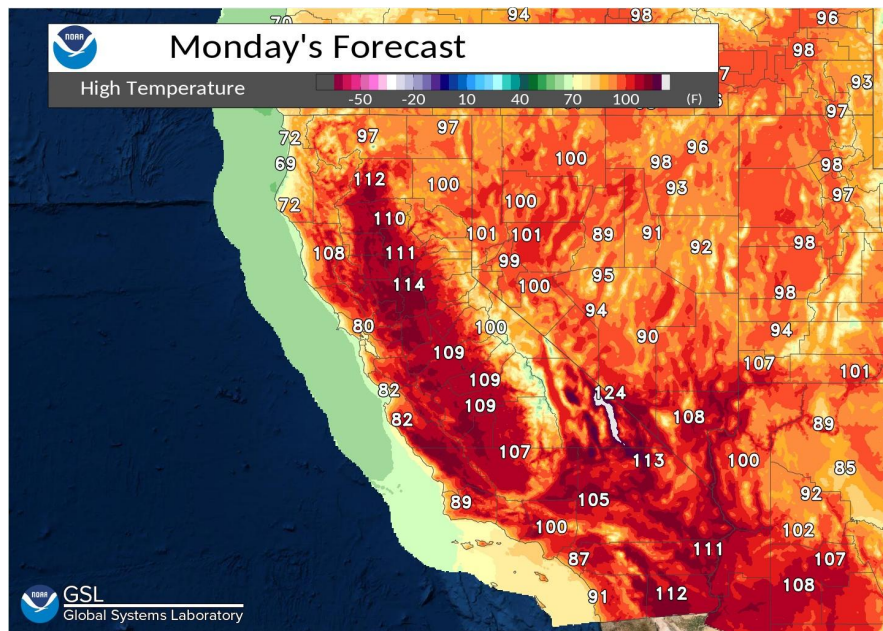
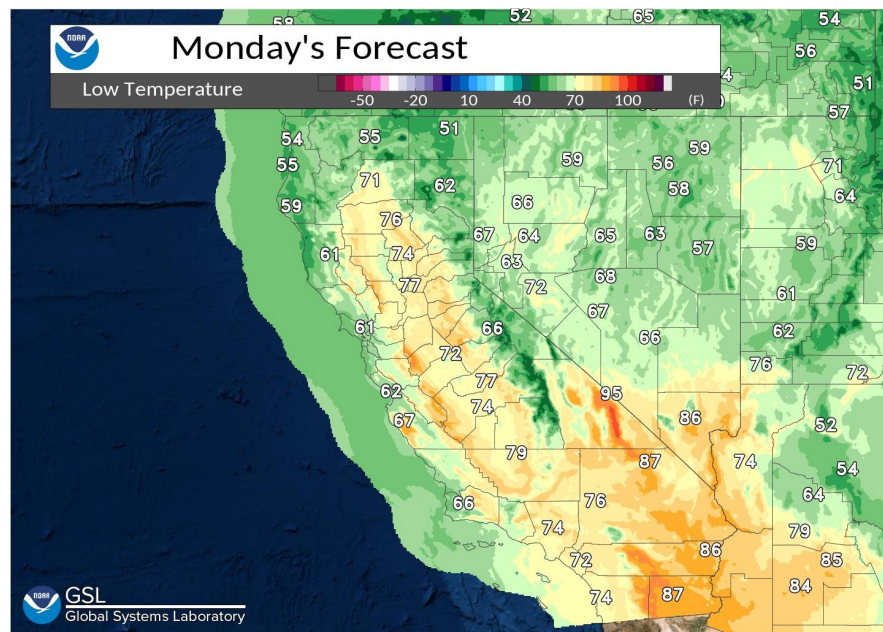
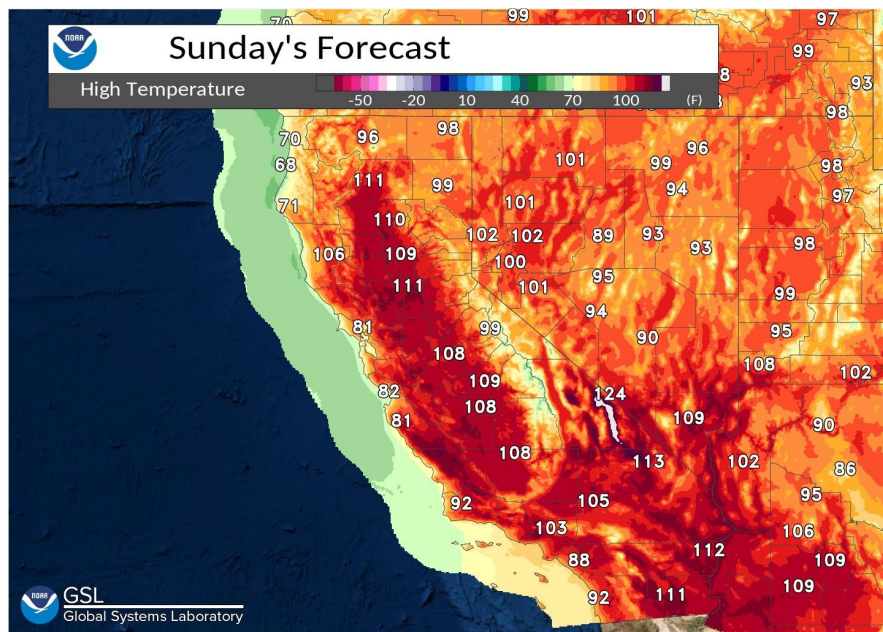


Sun-Mon Temperatures

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Weather Outlook (6-14 Days)

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Tuesday, August 30

6-10 Day Outlook (September 5 – September 9)

Temperatures

- Above normal temperatures are strongly favored to continue statewide

Precipitation

- Below normal precipitation is favored across northern California, with above normal precipitation slightly favored across southeastern California

8-14 Day Outlook (September 7 – September 13)

Temperatures

- Above normal temperatures are favored to persist statewide

Precipitation

- Below normal precipitation is again favored across northern California, with near normal precipitation for the central portions of the state, and above normal precipitation slightly favored across the southern third of California



Risk Assessment Matrix

Regional Operations Center

Western Region

Tuesday, August 30

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

